

# ALPENINOX

## CRIO Chill Tech Blast Chiller-Freezer Crosswise 10 1/1 - 32/28kg (R452A)

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



728960 (EABC0201)

Blast chiller & freezer  
32/28kg, compatible with  
10x1/1 GN crosswise oven -  
R452A

### Short Form Specification

#### Item No.

For 10 GN1/1 or 600x400 mm trays. Load capacity: chilling 40 kg; freezing 28 kg (UK guidelines). Main components in 304 AISI stainless steel. Internal rounded corners and drain. Built-in refrigeration unit. Automatic detection of food probe insertion. Automatic and Manual defrost. Blast chilling real residual time estimation (A.R.T.E.). Turbo cooling function. Specific cycles for ice cream. Evaporator with antirust protection. Digital temperature and time display. HACCP and Service alarms with data logging. Operating air temperature: +3 -41° C. For ambient temperatures up to 40°C. Cyclopentane insulation (HCFC, CFC and HFC free). R452A refrigerant gas (HCFC and CFC free).

### Main Features

- Blast Chilling cycle: 32 kg from 90°C up to 3°C in less than 90 minutes.
- Blast Freezing cycle: 28 kg from 90°C up to -18°C in less than 240 min.
- Soft Chilling (air temperature -2°C).
- Hard Chilling (air temperature -20°C).
- Holding at +3 °C for chilling or -22 °C for freezing, automatically activated at the end of each cycle, to save energy and maintain the target temperature (manual activation is also possible).
- Holding at +3 °C for chilling or -36 °C for freezing, automatically activated at the end of each cycle, to save energy and maintain the target temperature (manual activation is also possible).
- Freezing (air temperature -36°C)
- Turbo cooling: chiller works continuously at the desired temperature; ideal for continuous production.
- Control unit provides two large displays to read out: time, core temperature, cycle countdown, alarms, service information.
- All information related to the different operating models are recorded: date, time, cycle, core temperature, holding temperature, HACCP accordance.
- Two customizable cycles (P1 & P2) for each operating mode, allowing to set the time and air temperature. These programs can be converted into ice-cream specialized cycles (shape maintenance and holding).
- Single sensor core probe as standard.
- Remaining time estimation for probe-driven cycles based on artificial intelligence techniques (ARTE) for an easier planning of the activities.
- Performance guaranteed at ambient temperatures of +40°C.
- Automatic and manual defrosting.

### Construction

- Environmentally friendly: R452a as refrigerant gas.
- Main components in 304 AISI stainless steel.
- Ventilator swinging hinged panel for access to the evaporator for cleaning.
- No water connections required.
- Waste water can be plumbed into drain, but can also be collected in an optional waste container.
- Built-in refrigeration unit.
- Removable magnetic door gasket with hygienic design.

### Sustainability

- High density polyurethane insulation, 60 mm thickness, HCFC free.

APPROVAL: \_\_\_\_\_

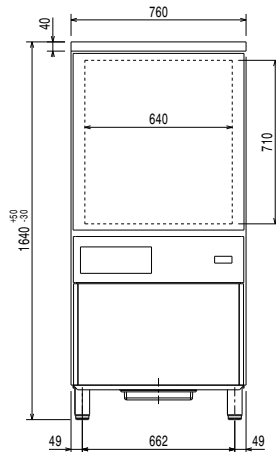
### Included Accessories

- 1 of 1 single sensor probe for blast chiller and blast chillers&freezer PNC 880213

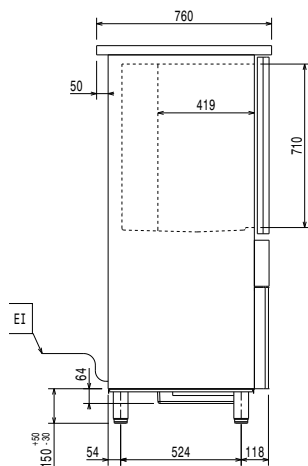
### Optional Accessories

- Kit of HACCP advanced connection for blast chiller and blast chillers/freezers PNC 880183
- 1 single sensor probe for blast chiller and blast chillers&freezer PNC 880213
- Rilsan grid 600x400mm PNC 880864
- Plastic coated grid for refrigerated counters PNC 881061
- 4 wheels for blast chillers PNC 881097
- Roll-in guide runners for 28kg blast chillers and blast chiller/freezers 1/1GN PNC 881518
- Pair of 1/1GN grids in 304 AISI PNC 921101
- 80mm pitch side hangers for 10x1/1GN electric oven PNC 922115
- 80mm pitch side hangers for 10x1/1GN gas oven PNC 922116
- 60mm pitch side hangers for 10x1/1GN electric oven PNC 922121
- 60mm pitch side hangers for 10x1/1GN gas oven PNC 922122
- Trolley for 10x2/1GN roll-in rack PNC 922128
- Trolley for 10x1/1GN roll-in rack PNC 922130
- KIT HACCP EKIS PNC 922166
- Kit to convert to 10x1/1GN roll-in rack PNC 922201
- ETHERNET CONNECTOR FOR ECAP PROTOCOL ITEMS PNC 922768

**Front**

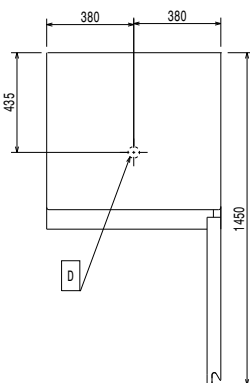


**Side**



EI = Electrical inlet (power)

**Top**



### Electric

Supply voltage:	380-415 V/3N ph/50/60 Hz
728960 (EABC0201)	
Electrical power max.:	2.88 kW
Circuit breaker required	

### Installation:

Clearance:	5 cm on sides and back.
Please see and follow detailed installation instructions provided with the unit	

### Capacity:

Max load capacity:	28 kg
GN:	10 - 1/1 containers

### Key Information:

External dimensions, Width:	760 mm
External dimensions, Depth:	760 mm
External dimensions, Height:	1640 mm
Net weight:	130 kg
Shipping weight:	158 kg
Shipping volume:	1.3 m <sup>3</sup>
Chilling-Freezing Productivity per cycle (NF Regulations):	21.6 kg - 21.6 kg
Chilling-Freezing Productivity per cycle (UK Guidelines):	32 kg - 28 kg

### Refrigeration Data

Control type:	Electronic
Refrigeration power at evaporation temperature:	-30 °C

### Product Information (EN17032 - Commission Regulation EU 2015/1095)

Chilling Cycle Time (+65°C to +10°C):	112 min
Full load capacity (chilling):	40 kg
Freezing Cycle Time (+65°C to -18°C):	270 min
Full load capacity (freezing):	25 kg

### Sustainability

Refrigerant type:	R452A
Refrigeration power:	1464 W
Refrigerant weight:	1500 g
Energy consumption, cycle (chilling):	0.095 kWh/kg
Energy consumption, cycle (freezing):	0.288 kWh/kg